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## PATENT ABSTRACTS OF JAPAN

(11)Publication number :

2003-131066

(43)Date of publication of application : 08.05.2003

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(51)Int.CI.

G02B 6/26 G02B 6/00 G02B 6/38

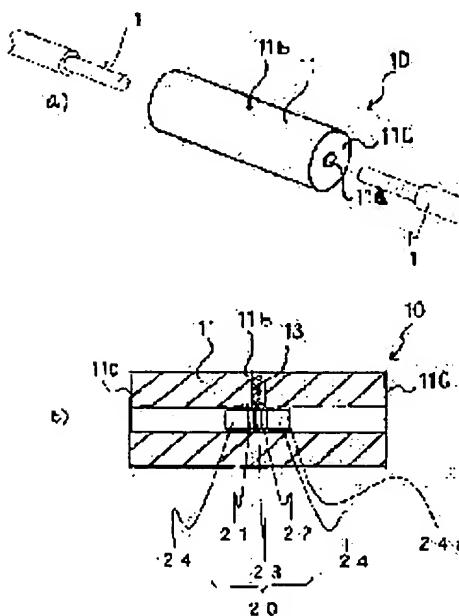
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### (54) OPTICAL FIBER SPLICING



#### (57)Abstract:

PROBLEM TO BE SOLVED: To obtain an optical fiber splice 10 with a small and inexpensive optical isolator 20 which is short in the longitudinal direction and does not need a large storage space.

SOLUTION: In the optical fiber splice 10 for connecting two optical fibers 1 inserted from the both sides within a penetrating hole 11 provided in a sleeve 11, two graded index optical fiber 24 and the optical isolator 20 joined to between them are fixed to an intermediate part of the penetrating hole 11a. The end faces of two optical fibers 1 inserted from the both

ends abut on the both end faces 24a of the graded index optical fiber 24 to be connected.

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**LEGAL STATUS**

[Date of request for examination] 17.05.2004

[Date of sending the examiner's decision of rejection]

[Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]

[Date of final disposal for application]

[Patent number]

[Date of registration]

[Number of appeal against examiner's decision of rejection]

[Date of requesting appeal against examiner's decision of rejection]

[Date of extinction of right]